

Nederlandse norm

# NEN-EN 1439

(en)

LPG equipment and accessories -  
Transportable refillable welded and brazed steel  
Liquefied Petroleum Gas (LPG) cylinders -  
Procedure for checking before, during and after  
filling

Vervangt NEN-EN 1439:1996;NEN-EN 1439:2003 Ontw.

ICS 23.020.30

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Als Nederlandse norm is aanvaard:  
 - EN 1439:2005, IDT

VOORBEELD  
 Preview

Normcommissie 341 102 "LPG, uitrusting en toebehoren"

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## Nederlands voorwoord

Voor de in deze norm vermelde normatieve verwijzingen bestaan in Nederland de volgende equivalenten:

<u>vermelde norm</u>	<u>Nederlandse norm</u>	<u>titel</u>
EN 1440	NEN-EN 1440	Verplaatsbare, hervulbare, gelaste stalen gasflessen voor vloeibaar gas (LPG) - Periodieke keuring (en)
EN 12816	NEN-EN 12816	Verplaatsbare, hervulbare gasflessen van staal en aluminium voor LPG - Ontgassen en verwijderen (en)
EN 13952	NEN-EN 13952	Gasflessen voor LPG - Vulprocedures (en)
prEN 14894	Ontw. NEN-EN 14894	LPG materieel en toebehoren - LPG cilinder merken (en)

Ontw. NEN-EN 14894

Preview

Ontw. NEN-EN 14894



English Version

LPG equipment and accessories - Transportable refillable  
welded and brazed steel Liquefied Petroleum Gas (LPG)  
cylinders - Procedure for checking before, during and after filling

Equipements pour GPL et leurs accessoires - Bouteilles en  
acier soudé transportables et rechargeables pour gaz de  
pétrole liquéfié (GPL) - Procédures de vérification avant,  
pendant et après le remplissage

Flüssiggas-Geräte und Ausrüstungsteile - Ortsbewegliche,  
wiederbefüllbare Flaschen aus geschweißtem Stahl für  
Flüssiggas (LPG) - Kontrollverfahren vor, während und  
nach dem Füllen

This European Standard was approved by CEN on 16 August 2005.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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## Foreword

This European Standard (EN 1439:2005) has been prepared by Technical Committee CEN/TC 286 "Liquefied petroleum gas equipment and accessories", the secretariat of which is held by NSAI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2006, and conflicting national standards shall be withdrawn at the latest by April 2006.

This European Standard has been submitted for reference into the RID and/or in the technical annexes of the ADR. Therefore the standards listed in the normative references and covering basic requirements of the RID/ADR not addressed within the present standard are normative only when the standards themselves are referred to in the RID and/or in the technical annexes of the ADR.

This document supersedes EN 1439:1996.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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## Introduction

This European Standard calls for the use of substances and procedures that can be injurious to health if adequate precautions are not taken. It refers only to technical suitability and does not absolve the user from legal obligations relating to health and safety at any stage.

It has been assumed in the drafting of this European Standard that the execution of its provisions is entrusted to appropriately qualified and experienced people. Where judgements are called for, it has been assumed that they are made by competent persons who have been trained specifically for the tasks.

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## 1 Scope

This European Standard specifies the procedures to be adopted when checking transportable refillable welded and brazed steel LPG cylinders before, during and after filling.

This European Standard applies to transportable refillable welded and brazed steel LPG cylinders of water capacity from 0,5 l up to and including 150 l with a minimum wall thickness of 1,5 mm (see EN 1442 and EN 12807).

This European Standard does not apply to cylinders permanently installed in vehicles, or to plant and filling equipment.

## 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1440, *LPG equipment and accessories – Transportable refillable welded and brazed steel Liquefied Petroleum Gas (LPG) cylinders – Periodic inspection*

EN 12816, *Transportable refillable steel and aluminium LPG cylinders – Disposal*

EN 13952, *LPG cylinders – Filling procedures*

prEN 14894, *LPG Equipment and accessories – Cylinder and drum marking*

## 3 Terms and definitions

For the purposes of this European Standard, the following terms and definitions apply.

### 3.1

#### **LPG (liquefied petroleum gas)**

mixture of predominantly butane or propane with traces of other hydrocarbon gases classified in accordance with UN number 1965, hydrocarbon gases mixture, liquefied, NOS or UN number 1075, petroleum gases, liquefied

NOTE In some countries, UN numbers 1011 and 1978 may also be designated LPG.

### 3.2

#### **competent person**

person who by a combination of training, experience and supervision, is able to make objective judgements on the subject

### 3.3

#### **competent body**

person or corporate body defined by the national authority, which by combination of appropriate qualification, training, experience and resources is able to make objective judgements on the subject

### 3.4

#### **cylinder**

transportable, refillable pressure receptacle with a water capacity from 0,5 l up to and including 150 l

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